

In the Claims

1-62 (Canceled).

63 (New). An isolated polypeptide comprising an amino acid sequence having at least 95% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

64 (New). The isolated polypeptide according to claim 63, wherein said polypeptide comprises SEQ ID NO: 100.

65 (New). The isolated polypeptide according to claim 63, wherein said polypeptide consists of SEQ ID NO: 100.

66 (New). The isolated polypeptide according to claim 63, wherein said polypeptide has at least 96% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

67 (New). The isolated polypeptide according to claim 63, wherein said polypeptide has at least 97% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

68 (New). The isolated polypeptide according to claim 63, wherein said polypeptide has at least 98% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

69 (New). The isolated polypeptide according to claim 63, wherein said polypeptide has at least 99% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

70 (New). A composition comprising a carrier and a polypeptide comprising an amino acid sequence having at least 95% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

71 (New). The composition according to claim 70, wherein said polypeptide comprises SEQ ID NO: 100.

72 (New). The composition according to claim 70, wherein said polypeptide consists of SEQ ID NO: 100.

73 (New). The composition according to claim 70, wherein said polypeptide has at least 96% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

74 (New). The composition according to claim 70, wherein said polypeptide has at least 97% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

75 (New). The composition according to claim 70, wherein said polypeptide has at least 98% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

76 (New). The composition according to claim 70, wherein said polypeptide has at least 99% identity over its full length to the amino acid sequence of SEQ ID NO: 100 and wherein said polypeptide has the activity of a germinal center kinase.

77 (New). The composition according to claim 70, wherein said carrier is a pharmaceutical carrier.

78 (New). The composition according to claim 70, wherein said carrier is an adjuvant.